

IN THE CLAIMS

1. (Previously presented) An ink reservoir comprising:
at least one compartment; and
first and second vents that communicatively couple an interior of the compartment to
an atmosphere surrounding an exterior of the ink reservoir;
wherein the first vent is disposed in a cover of the ink reservoir and the second vent
passes through a wall of the ink reservoir that is opposite the cover and is in
addition to an interconnect port passing through the wall; and
wherein the first and second vents remain open to the atmosphere.
2. (Previously presented) The ink reservoir of claim 1, further comprising a capillary
medium located within the compartment for containing ink and acting to prevent the
ink from leaking through the interconnect port.
3. (Original) The ink reservoir of claim 2, wherein the capillary medium is of a
hydrophilic material.
4. (Original) The ink reservoir of claim 3, wherein a fiber direction of the hydrophilic
material is substantially perpendicular to the first and second vents.
5. (Original) The ink reservoir of claim 1, wherein the first and second vents are
labyrinth vents.
6. (Canceled)
7. (Previously presented) The ink reservoir of claim 1, further comprising a third vent
disposed in the cover, wherein the third vent communicatively couples the
compartment to the atmosphere surrounding the exterior of the ink reservoir.

8. (Canceled)
9. (Currently amended) An ink reservoir comprising:
at least one compartment; and
first and second labyrinth vents, the first and second labyrinth vents respectively comprising first and second vent holes passing through the ink reservoir and into the compartment and first and second elongated vent paths that respectively communicatively couple the first and second vent holes to an atmosphere surrounding an exterior of the ink reservoir;
wherein the first vent hole passes through a cover of the ink reservoir and the second vent hole passes through a wall of the ink reservoir that is opposite the cover;
and
wherein the second elongated vent path is formed in an exterior surface of the wall,
and
wherein the first and second vents remain open to the atmosphere.
10. (Original) The ink reservoir of claim 9, further comprising a capillary medium located within the compartment for containing ink and acting to prevent the ink from leaking through an outlet of the ink reservoir.
11. (Previously presented) The ink reservoir of claim 9, wherein the first elongated vent path comprises a first groove disposed in the cover closed by a first seal and second elongated vent paths comprises a second groove disposed in exterior surface of the wall.
12. (Previously presented) The ink reservoir of claim 11, wherein the first seal closes the first vent hole at an exterior surface of the cover and the second seal closes the second vent holes at the exterior surface of the wall.

13-14 (Canceled)

15. (Previously presented) The ink reservoir of claim 9, further comprising a third labyrinth vent disposed in the cover of the ink reservoir, the third labyrinth vent comprising a third vent hole passing through the cover of the ink reservoir and into the compartment and a third elongated vent path that communicatively couples the third vent hole to the atmosphere surrounding the exterior of the ink reservoir.

16-18 (Canceled)

19. (Currently amended) An ink reservoir comprising:

means for directing a first airflows into a compartment of the ink reservoir through a cover of the ink reservoir from an atmosphere surrounding an exterior of the ink reservoir when a pressure of the atmosphere is greater than a pressure in the compartment and from the compartment to the atmosphere through the cover when the pressure of the atmosphere is less than the pressure in the compartment; and

means for directing a second airflow into the compartment through a wall of the ink reservoir that is opposite the cover, substantially simultaneously with the first airflow, from the atmosphere when the pressure of the atmosphere is greater than the pressure in the compartment and from the compartment to the atmosphere through the wall, substantially simultaneously with the first airflow, when the pressure of the atmosphere is less than the pressure in the compartment, wherein the second airflow directing means is separate from an interconnect port passing through the wall, and wherein the first and second airflows remain open to the atmosphere.

20. (Previously presented) The ink reservoir of claim 19, wherein the first airflow directing means comprises one or more first vents in the cover.

21. (Previously presented) The ink reservoir of claim 20, wherein the second airflow directing means-comprises a second vent in the wall.
22. (Currently amended) An ink-deposition system comprising:
a print head; and
an ink reservoir fluidly coupled to the print head, the ink reservoir comprising:
at least one compartment; and
first and second vents that communicatively couple the compartment to an atmosphere surrounding an exterior of the ink reservoir;
wherein the first vent is disposed in a cover of the ink reservoir and the second vent passes through a wall of the ink reservoir that is opposite the cover and is in addition to an interconnect port passing through the wall, and wherein the first and second vents remain open to the atmosphere.
23. (Previously presented) The ink-deposition system of claim 22 further comprises a capillary medium located within the compartment for containing ink and acting to prevent the ink from leaking through orifices of the print head.
24. (Previously presented) The ink-deposition system of claim 23, wherein the capillary medium is of a hydrophilic material.
25. (Previously presented) The ink-deposition system of claim 22, further comprising a third vent disposed in the cover, wherein the third vent communicatively couples the compartment to the atmosphere surrounding the exterior of the ink reservoir.
26. (Canceled)

27. (Original) The ink-deposition system of claim 22, wherein a flexible conduit fluidly couples the ink reservoir to the print head.
28. (Currently amended) A method for venting an ink reservoir, the method comprising:
passing a first vent hole through a cover of the ink reservoir into a compartment of the ink reservoir;
forming a first elongated vent path in the cover between an atmosphere surrounding an exterior of the ink reservoir and the first vent hole for communicatively coupling the first vent hole to the atmosphere;
passing a second vent hole through a wall of the ink reservoir opposite the cover into the compartment; and
forming a second elongated vent path in an exterior surface of the wall between the atmosphere and the second vent hole for communicatively coupling the second vent hole to the atmosphere, and
wherein the first and second vent holes remain open to the atmosphere.
- 29-30 (Canceled)
31. (Previously presented) The method of claim 28, further comprising:
passing a third vent hole through the cover into the compartment of the ink reservoir;
and
forming a third elongated vent path in the cover between the atmosphere and the third vent hole for communicatively coupling the third vent hole to the atmosphere.

32. (Currently amended) A method for venting an ink reservoir, the method comprising:
- directing first and second airflows substantially simultaneously into a compartment of the ink reservoir from an atmosphere surrounding an exterior of the ink reservoir when a pressure of the atmosphere is greater than a pressure in the compartment wherein the first airflow is directed through a cover of the ink reservoir and the second airflow is directed through a wall of the ink reservoir opposite the cover and not through an interconnect port in the wall; and
- directing the first and second airflows substantially simultaneously from the compartment to the atmosphere when the pressure of the atmosphere is less than the pressure in the compartment, and
- wherein the first and second airflows remain open to the atmosphere.
33. (Previously presented) The method of claim 32, wherein:
- directing the first airflow comprises directing the first airflow through a first labyrinth vent disposed in-a the cover of the ink reservoir; and
- directing the second air flow comprises directing the second airflow through a second labyrinth vent disposed in the wall of the ink reservoir.
34. (Previously presented) The method of claim 32, further comprising:
- directing a third airflow into the compartment from the atmosphere substantially simultaneously with the first and second airflows when a pressure of the atmosphere is greater than a pressure in the compartment; and
- directing the third airflow from the compartment to the atmosphere substantially simultaneously with the first and second airflows when the pressure of the atmosphere is less than the pressure in the compartment;
- wherein directing the third airflow comprises directing the third airflow through a third vent disposed in the cover.